## **EAST Search History**

| Ref<br># | Hits  | Search Query                                                                    | DBs                          | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|---------------------------------------------------------------------------------|------------------------------|---------------------|---------|------------------|
| L1       | 11672 | (356/399-401,614-616,624,630-632,<br>445-448,237.1-237.6,238.1,238.3).<br>CCLS. | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2007/04/24 16:34 |
| L2       | 5885  | (382/141,144,145,147,148,152,286,<br>289,291,292,298,299,149,151).CCLS.         | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2007/04/24 17:08 |
| L3       | 1157  | (250/559.01,559.29,559.3).CCLS.                                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2007/04/24 17:08 |
| L4       | 2228  | (702/94,95,150-153,38).CCLS.                                                    | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2007/04/24 17:10 |
| L5       | 7491  | (355/53,55,77).CCLS.                                                            | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2007/04/24 17:20 |
| L6       | 8276  | (430/5,22,30).CCLS.                                                             | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2007/04/24 17:20 |
| L7       | 438   | (269/329,63,4).CCLS.                                                            | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2007/04/24 17:20 |
| L8       | 561   | (348/88,92,82,95).CCLS.                                                         | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2007/04/24 17:20 |
| L9       | 1145  | (700/114,186,192-194,257).CCLS.                                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2007/04/24 17:20 |
| L10      | 948   | (414/935,936).CCLS.                                                             | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2007/04/24 17:21 |
| L11      | 428   | (345/649,672).CCLS.                                                             | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2007/04/24 17:21 |
| L12      | 1174  | (1 2 3 4 5 6 7 8 9 10 11) and ("2006121"\$1.pd. "2007"\$4.pd.)                  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2007/04/24 17:59 |
| L13      | 22    | 12 and ((prealign\$4 pre\$1align\$4) same (wafer semiconduct\$3))               | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2007/04/24 17:25 |
| L14      | . 14  | 12 and (((edge notch) near detect\$3) same (wafer semiconduct\$3))              | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2007/04/24 17:38 |
| L15      | 42    | 12 and (imag\$3 near (rotat\$4 rotation\$4))                                    | US-PGPUB;<br>USPAT;<br>USOCR | OR .                | ON      | 2007/04/24 17:58 |

## **EAST Search History**

|     | <del></del> |                                                                                          |                                           |    | · · · · · · · · · · · · · · · · · · · | <del></del>      |
|-----|-------------|------------------------------------------------------------------------------------------|-------------------------------------------|----|---------------------------------------|------------------|
| L16 | 587         | ((prealign\$4 pre\$1align\$4) same (wafer semiconduct\$3))                               | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                    | 2007/04/24 17:59 |
| L17 | · 1         | 16 and ("2006121"\$1.pd. "2007"\$4.pd. )                                                 | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                    | 2007/04/24 18:07 |
| L18 | 451         | (((edge notch) near detect\$3) same<br>(wafer semiconduct\$3))                           | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON .                                  | 2007/04/24 18:00 |
| L19 | 1           | 18 and ("2006121"\$1.pd. "2007"\$4.pd.<br>)                                              | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                    | 2007/04/24 18:08 |
| L20 | 65          | (imag\$3 near (rotat\$4 rotation\$4))<br>and ("2006121"\$1.pd. "2007"\$4.pd.)            | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                    | 2007/04/24 18:11 |
| L21 | 3           | 20 and (wafer semiconduct\$3)                                                            | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON                                    | 2007/04/24 18:13 |
| L22 | 911         | (((edge notch peripher\$2) same wafer) same (rotat\$4 rotation\$4)).clm.                 | US-PGPUB;<br>USPAT                        | OR | ON                                    | 2007/04/24 18:27 |
| L23 | 621         | 22 and (align\$4 position\$3).clm.                                                       | US-PGPUB;<br>USPAT                        | OR | ON                                    | 2007/04/24 18:45 |
| L24 | ` 35        | 23 and ((locat\$3 detect\$3) near (edge notch)).clm.                                     | US-PGPUB;<br>USPAT                        | OR | ON                                    | 2007/04/24 18:51 |
| L25 | 350         | (((lateral\$ translat\$5) same (rotat\$4 rotation\$4)) same (wafer semiconduct\$3)).clm. | US-PGPUB;<br>USPAT                        | OR | ON                                    | 2007/04/24 18:59 |
| L26 | 0           | 25 and (rotat\$3 near imag\$3).clm.                                                      | US-PGPUB;<br>USPAT                        | OR | ON                                    | 2007/04/24 18:59 |
| L27 | 14          | 25 and (rotat\$3 same imag\$3).clm.                                                      | US-PGPUB;<br>USPAT                        | OR | ON.                                   | 2007/04/24 18:59 |

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